CLAIMS

1. A surgical saw blade comprising:

a holder body;

a row of teeth having a plurality of teeth and being arranged at one end of the holder body;

wherein each tooth is formed with three flanks in the vicinity of the tip of a tooth; and

a channel being formed between adjacent teeth via which the cuttings of material are adapted to be carried away to behind the row of teeth in relation to the tooth tip.

2. A surgical saw blade in accordance with Claim 1, wherein the channel extends behind a tooth base of the adjacent teeth.

3. A surgical saw blade in accordance with Claim 2, wherein the channel extends behind the tooth base at a height which lies within a range of between 20% and 60% of the height of the tooth above the tooth base.

4. A surgical saw blade in accordance with Claim 1, wherein the channel is in the form of a trough.

5. A surgical saw blade in accordance with Claim 1, wherein the channel is formed between opposed, non-parallel tooth flanks of adjacent teeth.

6. A surgical saw blade in accordance with Claim 1, wherein the channels between adjacent teeth are connected to at least one holder body channel which is formed in the holder body.

7. A surgical saw blade in accordance with Claim 6, wherein said at least one holder body channel is arranged behind the tooth base.

8. A surgical saw blade in accordance with Claim 6, wherein said at least one holder body channel extends along the row of teeth.

9. A surgical saw blade in accordance with Claim 6, wherein, in the direction towards the row of teeth, said at least one holder body channel is bounded by said row of teeth.

10. A surgical saw blade in accordance with Claim 6, wherein a respective holder body channel is formed on a lower face and on an upper face of the holder body.

11. A surgical saw blade in accordance with Claim 10, wherein the two holder body channels are substantially parallel to one another.

12. A surgical saw blade in accordance with Claim 6, wherein the depth of said at least one holder body channel with reference to a thickness of the holder body lies within a range of between 15% and 35% of this thickness.

13. A surgical saw blade in accordance with Claim 1, wherein a first tooth flank is substantially parallel to at least one of an upper face or a lower face of the holder body.

14. A surgical saw blade in accordance with Claim 13, wherein the first tooth flanks of adjacent teeth are parallel to one another.

15. A surgical saw blade in accordance with Claim 13, wherein further second tooth flanks and third tooth flanks are arranged at an angle to an upper face and a lower face of the holder body.

16. A surgical saw blade in accordance with Claim 1, wherein the tooth tips of adjacent teeth are displaced relative to one another with reference to a direction of width of the holder body.

17. A surgical saw blade in accordance with Claim 1, wherein the holder body extends substantially equidistantly between a first surface and a second surface.

18. A surgical saw blade in accordance with Claim 17, wherein, at least in the vicinity of the tooth tip, the first tooth flank protrudes beyond the associated first surface or the associated second surface taken with reference to a direction of width of the holder body.

19. A surgical saw blade in accordance with Claim 18, wherein the first tooth flank is displaced substantially parallel relative to the first surface or the second surface.

20. A surgical saw blade in accordance with Claim 18, wherein a thickness in the area of the row of teeth between first tooth flanks of adjacent teeth is between 4% and 12% more than the spacing between the first surface and the second surface.

21. A surgical saw blade in accordance with Claim 1, wherein the first tooth flanks of the next but one adjacent teeth in the row of teeth lie in a plane.

22. A surgical saw blade in accordance with Claim 1, wherein a receiving portion for fixing the saw blade in an oscillating saw is formed in an end area of the holder body that is remote from the row of teeth.

23. A surgical saw blade in accordance with Claim 1, wherein the holder body comprises a resilient portion and a stiff portion, whereby the flexural rigidity of the resilient portion is lower than that of the stiff portion which supports the row of teeth.

24. A surgical saw blade in accordance with Claim 1, wherein a plurality of channel-like recesses are arranged at least in one of the upper face or the lower face of the holder body.

25. A surgical saw blade in accordance with Claim 24, wherein the recesses are formed symmetrically with reference to an axis of symmetry extending between the opposed sides of the holder body.

26. A surgical saw blade in accordance with Claim 23, wherein the stiff portion and the resilient portion are produced by means of the arrangement and construction of the recesses.

27. A surgical saw blade in accordance with Claim 1, wherein a thickness in the row of teeth is greater than the thickness outside the row of teeth on the holder body.